

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 21351 Accredited to ISO 15189:2022	Alderley Lighthouse Labs Ltd	
	Issue No: 006 Issue date: 15 May 2025	
	Highfield House Cheadle Royal Business Park Cheadle SK8 3GY	Contact: Kate Elson Tel: +44 (0)777 835 0634 E-Mail: kate@alderleylighthouselabs.com Website: www.alderleylighthouselabs.com
Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Molecular Microbiology examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures incorporating manufacturers' instructions
Genital swabs, Urine and Diagnostic Tampons	Detection of <i>Neisseria gonorrhoeae</i> <i>Chlamydia trachomatis</i> <i>Trichomonas vaginalis</i> <i>Mycoplasma genitalium</i> <i>Ureaplasma urealyticum</i> <i>Ureaplasma parvum</i> <i>Mycoplasma hominis</i>	Thermofisher Quant Studio 5 PCR multiplex screening utilising Kingfisher extraction method and Bosphore STD Combo Basic Kit V1 MD-SOP-24 Operation, calibration and maintenance of the QuantStudio 5 thermocycler
Genital swabs, Urine and Diagnostic Tampons	Detection of: High risk HPV	Thermofisher Quant Studio 7 PCR multiplex screening utilising Kingfisher extraction method and the Viasure High-risk <i>Human Papilloma Virus</i> Real time PCR detection Kit MD-SOP-27 PCR Analysis of STI's using Bosphore STD Bundle Kits



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Blood Serum/Plasma	Microbiology examination for the purpose of clinical diagnosis Electrochemiluminescence testing for the detection of: Hepatitis B surface antigen (HBsAg) Hepatitis B surface antibody (Anti HBs) Hepatitis B core antibody (Anti HBc) Hepatitis C antibody (Anti HCV) Hepatitis A IgM antibody Hepatitis A total antibody HIV Ag/Ab Combo (Anti HIV1/2 and HIV1p24 Ag) Syphilis total antibody	Roche Cobas Pro e801 analyser. Immunoassay by electrochemiluminescence. BS-SOP-02 Cobas Pro Operational SOP



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Serum/Plasma Venous/Capillary unless otherwise stated	Biochemistry examination activities for the purpose of clinical diagnosis Electrochemiluminescence testing for the quantification of	Roche Cobas Pro analyser. Immunoassay by electrochemiluminescence. BS-SOP-02 Cobas Pro Operational SOP
Venous	TSH FT3 FT4 Folate Vitamin B12	E801
Venous	Active B12 Vitamin D Anti TPO Anti Tg Prolactin DHEAS	
Capillary Capillary Capillary Capillary	Free PSA Cortisol Free T3 Active B12 Free Androgen Index Free Testosterone	Calculation Calculation
Serum/Plasma Venous/Capillary unless otherwise stated	Biochemistry examination activities for the purpose of clinical diagnosis Electrochemiluminescence testing for the quantification of	Roche Cobas Pro analyser. Immunoassay by electrochemiluminescence. BS-SOP-02 Cobas Pro Operational SOP
Venous Venous	Testosterone SHBG FSH LH Progesterone AMH Oestradiol TPSA FPSA Cortisol	



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Serum/Plasma Venous/Capillary unless otherwise stated	Spectrophotometric testing for the quantification of:	Roche Cobas Pro analyser. Spectrophotometry BS-SOP-02 Cobas Pro Operational SOP ISE
Venous	Sodium Potassium Urea Creatinine Total Bilirubin Albumin Total Protein ALT ALP GGT Cholesterol Triglycerides HDL LDL (Calculated) Calcium Phosphate Magnesium Iron Transferrin Ferretin CRP HS-CRP Apolipoprotein A Apolipoprotein B AST Copper Zinc UIBC Creatine Kinase Uric Acid	C503
	eGFR Non-HDL Cholesterol: HDL Ratio Globulin TIBC Transferrin Saturation	Calculation Calculation Calculation Calculation Calculation Calculation
Venous/Capillary Blood	Quantitative determination of glycated haemoglobin (HbA1c)	Sebia Capillarys Flex 2 BS-SOP-13 HbA1c analysis on Sebia Capillarys 2



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Venous and capillary blood	<u>Haematology examination activities for the purpose of clinical diagnosis</u> Full Blood Count testing for the quantification of: White Blood Cells Lymphocyte count Monocyte count Neutrophil count Eosinophil count Basophil count Red Blood Cells Haemoglobin Haematocrit Mean Corpuscular Volume Mean Corpuscular Haemoglobin Mean corpuscular haemoglobin concentration Red blood cell distribution width/SD Platelet count Mean platelet volume	Beckman DX520 FBC analyser BS-SOP-05 Running and maintenance of DX520
END		